

For Research Use Only

# GGT5 Polyclonal antibody

Catalog Number: 30148-1-AP



## Basic Information

<b>Catalog Number:</b> 30148-1-AP	<b>GenBank Accession Number:</b> BC011362	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 2687	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P36269	
<b>Isotype:</b> IgG	<b>Full Name:</b> gamma-glutamyltransferase 5	
<b>Immunogen Catalog Number:</b> AG32373	<b>Calculated MW:</b> 586 aa, 62 kDa	
	<b>Observed MW:</b> 55-60 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : 3T3-L1 cells,
<b>Species Specificity:</b> Human, Mouse	

## Background Information

Gamma-glutamyltransferase 5 (GGT5) is one of the two GGT family members (GGT1 and GGT5) with catalytic activity identified to date and was first reported in 2008 (PMID:18357469). GGT5 is widely distributed in a variety of tissues, with relatively high expression in liver, kidney, and alveolar macrophages (PMID:25377544). GGT5 played a pivotal role in oxidative regulation, drug metabolism, and immune modulation in the human body (PMID:21447318).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

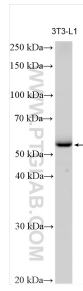
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## Selected Validation Data



3T3-L1 cells were subjected to SDS PAGE followed by western blot with 30148-1-AP (GGT5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.